



US Army Corps  
of Engineers®



## Duluth-Superior Harbor, MN & WI

### Harbor Features

- Located at the western end of Lake Superior.
- Authorization: River and Harbor Act of 3 Jun 1896.
- Deep draft commercial harbor.
- Project depths – 28 to 32 feet in the entrance; 27 feet deep in the iron-ore route channels, and 20 to 23 feet in inner channels.
- 16<sup>th</sup> leading U.S. port with 44.7M tons of material shipped or received in 2005. Tonnage is almost equally split between Duluth and Superior Entries.
- 
- Ranked 1<sup>st</sup> among the Great Lakes Harbors.
- Over 10,000 feet of structures including breakwaters, piers and revetments.
- Over 18 miles of maintained channel.
- The Erie Pier Confined Disposal Facility is located within the St. Louis Bay portion of the harbor.
- Major stakeholders include U.S. Coast Guard, Lake Carriers' Association, Canadian National, BNSF, Midwest Energy, General Mills/Cargill, Lafarge North America, Marine Tech LLC, Murphy Oil, Cutler Magner, and Hallet Dock.

### Project Needs

- Approximately 100,000 cubic yards of material must be dredged each year.
- Navigation structures are primarily maintained by Government floating plant.
- A water filtration component needs to be installed in Erie Pier CDF to allow for direct release of water into the harbor.



### Consequences of Not Maintaining the Project

- Loss of about 1,200 direct and 800 indirect jobs.
- Light loading losses of between 1 and 2 feet of channel depth results in increased transportation costs of between \$3.2M and \$7.9M annually.
- The port has an annual \$210M economic impact.
- \$2 Billion worth of cargo is shipped via the Duluth-Superior docks annually.

### Transportation Importance

- Major international receiving and shipping port on the Great Lakes.
- Commodities shipped or received include iron ore (taconite), limestone, coal, coke, forest products, petroleum, grain, general cargo, steel, and scrap iron.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2007, 2008 and 2009  
Duluth-Superior Harbor, MN & WI  
Project Needs and President's Budget (\$1,000)**

<b>Work Package</b>	<b>FY07 Need</b>	<b>FY07 Work Plan</b>	<b>FY08 Need</b>	<b>FY08 Budget</b>	<b>FY09 Need</b>	<b>FY09 Budget*</b>
Project Condition Surveys	477	477	475	475	500	
Maintenance of Erie Pier CDF	125	125	250	0	130	
Maintenance Dredging – Primary Work Package	2,883	2,614	2,500	2,074	2,560	
Maintenance Dredging – Backlog Work Package					1,000	
Breakwater Repairs – by Govt. Floating Plant	1,705	1,405	900	700	1,450	
<b>Other Business Lines</b>						
Recreation: Visitor's Center			525	525	525	
Environmental Stewardship			20	20	20	
<b>TOTALS</b>	<b>5,190</b>	<b>4,621</b>	<b>4,670</b>	<b>3,794</b>	<b>6,185</b>	

\* FY09 President's Budget will be available in February 2008